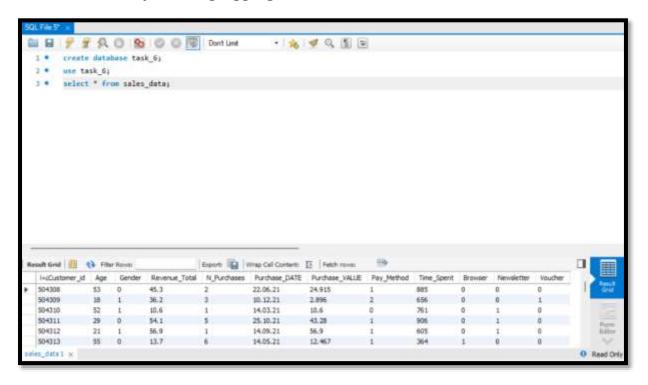
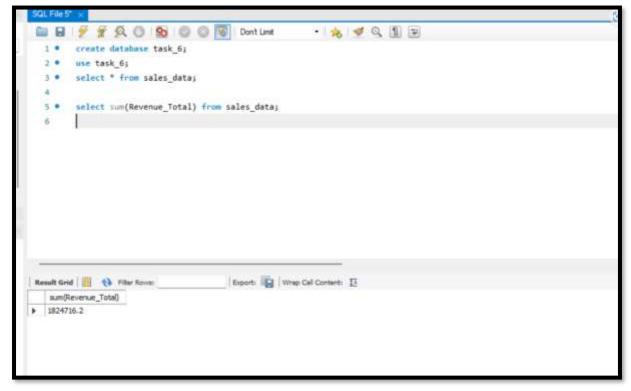
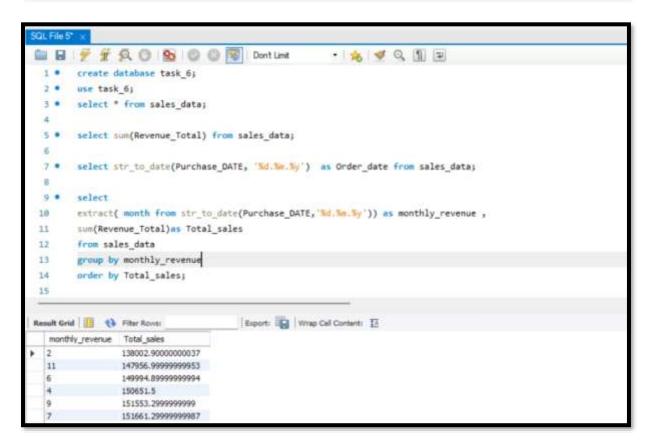
Sales Trend Analysis Using Aggregations

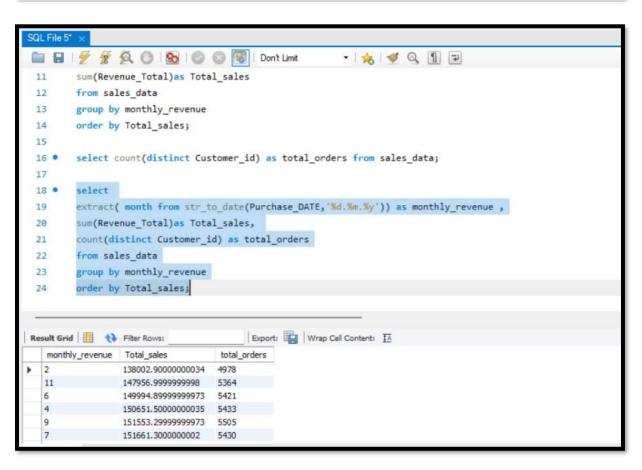




```
create database task_6;
        use task 6;
  3 .
        select * from sales_data;
  4
  . .
         select sum(Revenue_Total) from sales_data;
  6
  7 .
        select str_to_date(Purchase_DATE, '%d.%m.%y') as Order_date from sales_data;
  B.
  9 .
 10
        extract( month from str_to_date(Purchase_DATE, %d.%e.%y')) as monthly revenue ,
        sum(Revenue_Total)as Total_sales
 11
 12
        from sales_data
 13
        group by monthly_revenue
        order by monthly_revenue;
 14
Export: Wrap Cell Contant: 13
  monthly_revenue Total_sales
                  159971.4000000004
                 138002.90000000037
  2
                  153033.80000000066
                 150651.5
                  154229.4000000008
               149994.89999999994
tesult 6 ×
Dutput
Action Output
      Time
               Action
                                                                                                  Message
   29 17:07:13 select str_to_date(Purchase_DATE, "\d.\m.\m.\m) as Order_date from sales_data
                                                                                                  65796 row(s) returned
   30 17:11:38 select extract(month from str_to_date(Purchase_DATE.*\d.\%m.\%y*)) as monthly_revenue . sum(Revenue_Tot... 12 row(s) returned
```



```
🌃 🖟 👰 🔘 🚷 🔘 🚳 Don't Limit
                                                      - | 🏂 | 🥩 🔍 🗻 🖘
  3
  4 .
        select * from sales data;
        select sum(Revenue_Total) from sales_data;
        select str_to_date(Purchase_DATE, '%d.%m.%y') as Order_date from sales_data;
  8
  9 •
        select
        extract( month from str_to_date(Purchase_DATE, '%d.%m.%y')) as monthly_revenue ,
 10
 11
        sum(Revenue_Total)as Total_sales
        from sales data
 13
        group by monthly revenue
        order by Total_sales;
 14
 15
        select count(distinct Customer_id) as total_orders from sales_data;
 16 .
 17
                                     Export: Wrap Cell Content: IA
total_orders
65796
```



```
Task 6 ×
🗎 🔒 🥖 💯 👰 🔘 🚱 🔘 🔞 👹 Don't Limit
                                                     - 🚖 🦪 Q 🕦 🖘
 24
        order by Total_sales
 25
       limit 8;
 26
 27 • SELECT
         EXTRACT(YEAR FROM STR_TO_DATE(Purchase_DATE, '%d.%m.%y')) AS PurchaseYear,
 28
          EXTRACT(MONTH FROM STR_TO_DATE(Purchase_DATE, '%d.%m.%y')) AS PurchaseMonth,
 29
        SUM(Revenue_Total) AS Total_Revenue,
 30
        COUNT(DISTINCT Customer_id) AS Total_Orders
      FROM sales_data
 32
       WHERE
 33
 34
         STR_TO_DATE(Purchase_DATE, '%d.%m.%y') BETWEEN '2021-07-01' AND '2021-12-31'
       GROUP BY PurchaseYear, PurchaseMonth
 35
 36
       ORDER BY PurchaseYear, PurchaseMonth;
Export: Wrap Cell Content: IA
  PurchaseYear PurchaseMonth Total_Revenue
                                          Total_Orders
  2021
             7
                          151661.3
                                          5430
  2021
             8
                         154860.29999999973 5590
  2021
             9
                          151553.29999999923
                                          5505
                         155362.3999999999 5611
            10
  2021
                          147956.99999999942 5364
  2021
             11
  2021
             12
                         157438.0000000001 5684
```

Ρ

